

Title (en)

SOLAR RECEIVER FOR FRESNEL CONCENTRATED SOLAR POWER PLANT INCLUDING A FRAME MADE OF AN INSULATING MATERIAL AND METHOD FOR MANUFACTURING SAME

Title (de)

SOLAREMPFÄNGER FÜR KONZENTRIERTES FRESNELSCHES SOLARKRAFTWERK MIT EINEM GERÜST AUS ISOLIERENDEM MATERIAL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

RÉCEPTEUR SOLAIRE POUR CENTRALE À CONCENTRATION DE TYPE FRESNEL COMPRENANT UN CHÂSSIS EN MATÉRIAU ISOLANT ET SON PROCÉDÉ DE RÉALISATION

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Application

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Abstract (en)

[origin: WO2014080091A1] The invention relates to a solar receiver (1) for a Fresnel concentrated solar power plant comprising: a solar absorber (2) including at least one device for fluid circulation, intended for having a heat-transfer fluid passing therethrough; a frame (3) made of a first thermally insulating material, structured such as to define a groove (4) for housing the solar absorber (2), the first thermally insulating material having a modulus of rupture of more than 1 MPa; a system for supporting the solar absorber (2) using the frame (3); and a protective film (5) covering the entire outer side surface of the frame (3) such as to be arranged between the frame (3) and the solar absorber (2).

IPC 8 full level

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